



Treforze

by Arya Akhavan (August 2012)

Angles for R.I. = 1.520

19 + 6 girdles = 25 facets

3-fold, mirror-image symmetry

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$L/W = 1.037$ $T/W = 0.518$ $U/W = 0.449$

$P/W = 0.375$ $C/W = 0.138$

$Vol./W^3 = 0.177$

PAVILION

P1 45.00° 03-29-35-61-67-93 Cut to centrepoin.

G1 90.00° 03-29-35-61-67-93 Cut even girdle.

P2 43.00° 96-32-64 Meet P1, G1

CROWN

C1 53.74° 03-29-35-61-67-93 Set girdle width.

C2 17.07° 16-48-80 Meet G1, C1

T 0.00° Table Meet C1, C2

This is a slightly different take on the Triforce from Legend of Zelda. Designed for a feldspar, but would be ideal in a golden tourmaline, and can be cut from RI = 1.52 - 2.16 with no changes. The reflection pattern on this stone has a pretty high light return, but has the added feature of looking like a snowflake.

Suggested size = 6-8 mm.

C:\Program Files (x86)\GemCAD\Designs (Mine)\Treforze.gem